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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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of

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Complete if known

Application Number

10/809.232

Filing Date

March 25, 2004

First Named Inventor

Yael Vodovotz

Art Unit

1761

Examiner's Name _____

To Be Determined

Attorney Docket Number

22727/04211

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner
Signature

/Anthony Weier/ (02/20/2007)

Date
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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if known	
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				First Named Inventor	Yael Vodovotz
				Art Unit	1761
				Examiner's Name	To Be Determined
Sheet	2	of	5	Attorney Docket Number	22727/04211

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue number(s), publisher, city and/or country where published	T ²
AW		Abstract, ZHANG <i>et al.</i> , "Almond addition enriches isoflavone aglycones in soy bread", <u>2004 IFT Annual Meeting</u> , July 12-16, 2004, Las Vegas, NV.	
		Abstract, ZHANG <i>et al.</i> , "Isoflavone content and anti-cancer activity of soy bread and its components", <u>2002 IFT Annual Meeting and Food Expo</u> , Anaheim, CA (2002).	
		Abstract, ZHANG <i>et al.</i> , "Proofing condition on the distribution of isoflavones in soy bread", <u>2004 IFT Annual Meeting</u> , July 12-16, Las Vegas, NV (2004).	
		COWARD <i>et al.</i> , "Chemical modification of isoflavones in soy foods during cooking and processing" <u>Am. J. Clin. Nutr.</u> (1998) Volume 68 (Suppl.), Pages 1486S-1491S.	
		GUNATA <i>et al.</i> , "Stability of free and bound fractions of some aroma components of grape c.v. Muscat during the wine processing. Preliminary Results", <u>Am. J. Enol. Vitic.</u> (1986) Volume 37, Pages 112-114.	
		HENDRICH and MURPHY, "Isoflavones: Sources and Metabolism", <u>Handbook of Nutraceuticals and Functional Foods</u> (2001) CRC Press, Boca Raton, FL, pages 55-75.	
		HSIEH and GRAHAM, "Partial purification and characterization of a soybean β -glucosidase with high specific activity towards isoflavone conjugates" <u>Phytochemistry</u> (2001) Volume 58, Pages 995-1005.	
		INTERMETRO INDUSTRIES CORPORATION, "Metro [®] Holding/Proofing Cabinets - Uninsulated, C175 Flavorview [™] Series" 2002.	
AW		IZUMI <i>et al.</i> , "Soy Isoflavone Aglycones Are Absorbed Faster and in Higher Amounts than Their Glucosides in Humans", <u>J. Nutr.</u> (2000) Volume 130, Pages 1695-1699.	

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		Lee et al., "Isoflavone Characterization and Antioxidant Activity of Ohio Soybeans", The Ohio State University, Food Science & Technology Department, Department of Horticulture and Crop Science; Seoul National University of Technology, Seoul, Korea.	
AW		MATEO and STEFANO, "Description of the β -glucosidase activity of wine yeast" <u>Food Microbiology</u> (1997) Volume 14, Pages 583-591.	
		MATSUURA and OBATA, " β -glucosidases from soybeans hydrolyze daidzin and genistin" <u>J. Food Science</u> (1993) Volume 58, Number 1, Pages 144-147.	
		MATSUURA et al., "Studies on β -glucosidases from soybeans that hydrolyze daidzein and genistein: isolation and characterization of an isozyme" <u>Biosci. Biotech. Biochem.</u> (1995) Volume 59, Number 9, Pages 1623-1627.	
		McCUE and SHETTY, "Role of Carbohydrate-cleaving enzymes in phenolic antioxidant mobilization from who soybean fermented with <i>Rhizopus Oligosporus</i> ", <u>Food Biotechnology</u> (2003) Volume 17, Number 3, Pages 27-37.	
		MIURA et al., "Isoflavone Aglycon Produced by Culture of Soybean Extracts with Basidiomycetes and Its Anti-angiogenic Activity", <u>Biosci. Biotechnol. Biochem.</u> (2002) Volume 66, Number 12, Pages 2626-2631.	
		RICHELLE et al., "Hydrolysis of Isoflavone Glycosides to Aglycones by β -Glycosidase Does Not Alter Plasma and Urine Isoflavone Pharmacokinetics in Postmenopausal Woman", <u>J. Nutr.</u> (2002) Volume 132, Pages 2587-2592.	
		PANDJAITAN et al., "Enrichment of genistein in soy protein concentrate with β -glucosidase", <u>J. Food Science</u> (2000) Volume 65, Number 3, Pages 403-407.	
		SETCHELL et al., "Bioavailability of Pure Isoflavones in Healthy Humans and Analysis of Commercial Soy Isoflavone Supplements", <u>J. Nutr.</u> (2001) Volume 131, Pages 1362S-1375S.	
AW		SUE et al., "Purification of characterization of a hydroxamic acid glucoside β -glucosidase from wheat (<i>Triticum aestivum</i> L.) seedlings" <u>Planta</u> . (2000) Volume 210, Pages 432-438.	

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AW		VODOVOTZ, Y., "Bioavailability and Biological Effects of Soy Isoflavones", Power Point Presentation printed from www.grad.fst.ohio-state.edu/vodovotz on September 13, 2004.	
		WALSH <i>et al.</i>, "Bioaccessability of isoflavone aglycones from soy food is enhanced by bile salts during <i>in vitro</i> digestion", The Ohio State University, Interdisciplinary PhD Program in Nutrition, Food Science & Technology Department, Department of Human Nutrition.	
		ZHANG <i>et al.</i>, "Changes in distribution of isoflavones and β-glucosidase activity during soy bread proofing and baking", The Ohio State University, Food Science & Technology Department.	
		ZHANG <i>et al.</i>, "Changes in water state and distribution in soy cotaining bread during storage", The Ohio State University, Food Science & Technology Department.	
		ZHANG <i>et al.</i>, "Effect of proofing on the distribution of isoflavones in soy bread", The Ohio State University, Food Science & Technology Department.	
		ZHANG <i>et al.</i>, "Effects of soy addition on the state of water and isoflavone content in bread", The Ohio State University, Food Science & Technology Department.	
		ZHANG <i>et al.</i>, "Isoflavone composition and biological activity of extracts from soy bread crumb and crust", The Ohio State University, Food Science & Technology Department.	
AW		ZHANG <i>et al.</i> , "Isoflavone Content and Anti-Cancer Activity of Soy Bread and Its Components", The Ohio State University, Food Science & Technology Department, June 18, 2002.	
		ZHANG <i>et al.</i>, "The Effect of Bread-Making on Isoflavone Content and Composition in Soy Bread", The Ohio State University, Food Science & Technology Department.	
		ZHANG <i>et al.</i>, "The Effect of <i>In Vitro</i> Soy Bread Digestion on Isoflavone Profile", The Ohio State University, Food Science & Technology Department and Department of Human Nutrition.	

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